

WE CLAIM

1. A cement composition comprising:
 - i) colored cement produced from clinkers formed with pigment prior to sintering;
 - 5 ii) water;
 - iii) inert filler; and
 - iv) optionally, conventional additives selected from the group consisting of latexes, setting aids, dispersant, surfactants, liquefiers, reinforcing fibers, preservatives, antifoaming agents, thixotropy and viscosity control agents, plasticizer,
 - 10 freeze thaw stabilizers, flame retardancy or mixtures of the foregoing.
2. The cement composition as defined in claim 1 wherein the inert filler is taken from the group consisting of calcium carbonate, sand, silica sand and crushed stone or marble, having a naturally occurring color.
- 15 3. The cement composition as defined in claim 1 wherein the inert filler comprises 0-100 weight percent of a man made pigmented inert filler, wherein the man made pigmented inert filler will maintain at least 60% of its color after being immersed in concentrated hydrochloric acid for forty-eight hours and at least 60% of
- 20 its color after being immersed in a 6 percent sodium hypochlorite solution for forty-eight hours.
4. The cement composition as defined in claim 3 wherein the pigmented inert filler is taken from the group consisting of sand and silica sand.
- 25 5. The cement composition as defined in claim 1 wherein the composition is a pool plaster, stucco, mortar or grout.
6. The cement composition as defined in claim 3 wherein the effective amount
- 30 of the man made pigmented inert filler is approximately 15-100 weight percent of the

total weight of the inert filler.

7. The cement composition as defined in claim 3 wherein man made pigmented inert filler comprises an inert filler that has exhibits superhydrobic
5 properties or wherein a pigment has been bonded to the inert filler by an epoxy linkage.

8. The cement composition as defined in claim 3 wherein the man made pigmented inert filler will maintain at least 80% of its color after being immersed in
10 concentrated hydrochloric acid for forty-eight hours and at least 80% of its color after being immersed in a 6 percent sodium hypochlorite solution for forty-eight hours.

9. A cement composition consisting essentially of:

- 15 i) colored cement produced from clinkers formed with pigment prior to sintering;
- ii) water;
- iii) inert filler; and
- iv) optionally, conventional additives selected from the group consisting of latexes, setting aids, dispersant, surfactants, liquefiers, reinforcing fibers,
20 preservatives, antifoaming agents, thixotropy and viscosity control agents, plasticizer, freeze thaw stabilizers, flame retardancy or mixtures of the foregoing.

10. A method for preparing a colored cement composition, said method comprising the steps of:

- 25 (a) preparing a colored cement by sintering clinkers comprising a pigment as a component thereof;
- (b) mixing water, the colored cement and inert filler; and
- (d) optionally, conventional additives selected from the group consisting of latexes, setting aids, dispersant, surfactants, liquefiers, reinforcing fibers,
30 preservatives, antifoaming agents, thixotropy and viscosity control agents, plasticizer,

freeze thaw stabilizers, flame retardancy or mixtures of the foregoing.

11. The method for preparing a colored cement composition as defined in claim 10 wherein the inert filler is taken from the group consisting of calcium
5 carbonate, sand, silica sand and crushed stone or marble, having a naturally occurring color.

12. The method for preparing a colored cement composition as defined in claim 10 wherein the inert filler comprises a man made pigmented inert filler, wherein
10 the man made pigmented inert filler will maintain at least 60% of its color after being immersed in concentrated hydrochloric acid for forty-eight hours and at least 60% of its color after being immersed in a 6 percent sodium hypochlorite solution for forty-eight hours.

13. The method as defined in claim 12 wherein the effective amount of the man made pigmented inert filler is approximately 15-100 weight percent of the total
15 weight of the inert filler.

14. The method as defined in claim 12 wherein the man made pigmented inert
20 filler comprises an inert filler that exhibits superhydrophobic properties or wherein a pigment has been bonded to the inert filler by an epoxy or a siloxane linkage.

15. The method as defined in claim 12 wherein the man made pigmented inert filler can maintain at least 80% of its color after being immersed in concentrated
25 hydrochloric acid for forty-eight hours and at least 80% of its color after being immersed in a 6 percent sodium hypochlorite solution for forty-eight hours.

16. A method for preparing a colored cement composition comprising:
(i) selecting a color from a color grid having axes with preselected
30 component colors;

(ii) determining the component colors from the axes of the grid corresponding to the selected color;

(iii) mixing two or more predetermined portions of a colored and/or cement produced from clinkers formed with pigment prior to sintering that correspond to the determined component colors selected from the axis of the color grid; and

(iv) during the mixing of the colored cement produced from clinkers formed with pigment prior to sintering and/or uncolored cement or after the mixing of the colored cement, mixing water and inert filler to obtain a cement composition with the selected color.

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17. The composition as defined claim 1 further comprising 0 to 5 weight percent based on the total weight of the composition of non-bonded pigment.

18. The composition as defined in claim 3 wherein the inert filler comprises 0-10 weight percent, based on the total weight of the inert filler, of man made pigmented inert filler fines with a particle size of smaller than 100 mesh.

19. The composition as defined in claim 3 wherein the inert filler comprises 0-10 weight percent, based on the total weight of the inert filler, of man made pigmented inert filler fines with a particle size of smaller than 150 mesh.

20. The composition as defined in claim 3 wherein the inert filler comprises 0-10 weight percent, based on the total weight of the inert filler, of man made pigmented inert filler fines with a particle size of smaller than 200 mesh.

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21. The cement composition as defined in claim 9 wherein the inert filler is taken from the group consisting of calcium carbonate, sand, silica sand and crushed stone or marble, having a naturally occurring color or being white.

22. The cement composition as defined in claim 9 wherein the inert filler

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comprises 0-100 weight percent of a man made pigmented inert filler, wherein the pigmented inert filler will maintain at least 60% of its color after being immersed in concentrated hydrochloric acid for forty-eight hours and at least 60% of its color after being immersed in a 6 percent sodium hypochlorite solution for forty-eight hours.

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23. The cement composition as defined in claim 22 wherein the inert filler comprises a man made pigmented inert filler that exhibits superhydrophobic properties or wherein a pigment has been bonded to the inert filler by an epoxy linkage.

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24. The cement composition as defined in claim 22 wherein the man made pigmented inert filler will maintain at least 80% of its color after being immersed in concentrated hydrochloric acid for forty-eight hours and at least 80% of its color after being immersed in a 6 percent sodium hypochlorite solution for forty-eight hours.

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25. The composition as defined in claim 22 wherein the inert filler comprises 0-10 weight percent, based on the total weight of the inert filler, of man made pigmented inert filler fines with a particle size of smaller than 100 mesh.

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26. The composition as defined in claim 22 wherein the inert filler comprises 0-10 weight percent, based on the total weight of the inert filler, of man made pigmented inert filler fines with a particle size of smaller than 150 mesh.

27. The composition as defined in claim 22 wherein the inert filler comprises 0-10 weight percent, based on the total weight of the inert filler, of man made pigmented inert filler fines with a particle size of smaller than 200 mesh.

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